

TABLE OF CONTENTS

Introduction.....	i
Document Record	ii
Table of Contents.....	iii
Definitions	D-1
Guidelines	
General.....	G-1
Fundamental Principles.....	G-1
Temporary Traffic Control Elements	
Temporary Traffic Control Plan	G-2
Temporary Traffic Control Zone	G-3
Advance Warning Area.....	G-4
Transition Area	G-4
Shoulder Taper	G-4
Lane Taper	G-4
One-Lane, Two-Way Taper	G-4
Activity Area.....	G-5
Work Space	G-5
Traffic Space	G-5
Buffer Space	G-5
Longitudinal Buffer Space	G-5
Lateral Buffer Space	G-5
Termination Area	G-6
Pedestrian and Worker Safety	
Pedestrian Considerations	G-6
Worker Considerations	G-6
Flagger Control	G-7
Temporary Traffic Control Devices	
General.....	G-8
Signs.....	G-8
Sign Classification	G-9
Regulatory Signs	G-9
Warning Signs.....	G-9
Guide Signs	G-9
Sign Design	G-9
Sign Installation.....	G-9
Portable Signs	G-10
Post-Mounted Signs	G-10
Vehicle-Mounted Signs	G-11
Barrier-Mounted Signs.....	G-11
Portable Changeable Message Signs	G-11

Flashing Arrow Panels	G-13
Channelizers.....	G-14
Cones.....	G-14
Drums.....	G-14
Trim-Line Channelizers	G-15
Directional Indicator Barricades	G-15
Barricades.....	G-15
Temporary Traffic Barrier	G-16
Pavement Markings	G-16
Lighting Devices.....	G-17
Work Lighting.....	G-17
Area Lighting	G-17
Warning Lights	G-18
Type A Warning Lights	G-18
Type B Warning Lights.....	G-18
Type C Warning Lights.....	G-18
Fleet Lighting.....	G-18
Temporary Traffic Control Signals.....	G-19
Crash Cushions	G-20
Protective Vehicles	G-20
Truck-Mounted Attenuators.....	G-20
Supplemental Warning Methods.....	G-21
Temporary Traffic Control Zone Operations	
Duration of Work	G-21
Long-Term Stationary Operations	G-21
Intermediate-Term Stationary Operations	G-22
Short-Term Stationary Operations	G-22
Short Duration Operations	G-22
Mobile Operations	G-22
Emergency Operations	G-23
Location of Work	G-23
Work Beyond Shoulder.....	G-23
Work on Shoulder	G-23
Work within the Traveled Way.....	G-24
Miscellaneous Temporary Traffic Control Items	
Work Zone Length.....	G-24
Speed Limits	G-24
Fine Signs.....	G-26
Railroads	G-28
Excavations	G-28
Pavement Maintenance Operations	G-28
Typical Applications	
Table of Contents.....	TA-i
Quick Reference Chart.....	TA-ii
Typical Applications	TA-1